Index of Claims

| Application | n/Contr | ol l | No. |
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10/628,751

Applicant(s)/Patent under Reexamination

VENKATESAN ET AL.
Art Unit

Examiner

ANH H. DO

2624

✓ Rejected= Allowed

(Through numeral)
Cancelled

Non-Elected

Appeal

Restricted

I Interference

O Objected

| Cla  | aim         |              |              |           | D        | ate      |                         |  |                 |      | Cla      | aim      |          |          |          | Dat     | е               |          |          |               | С            | laim       |          |                  | ·              | Date                | 9        |          |          |          |
|--|-------------|--------------|--------------|-----------|----------|----------|-------------------------|--|-----------------|------|----------|----------|----------|----------|----------|---------|-----------------|----------|----------|---------------|--------------|------------|----------|------------------|----------------|---------------------|----------|----------|----------|----------|
|  | ā           | 12/18/06     | -            |           |          |          |                         | ı  |                 |      |          | <u> </u> | .        |          |          |         |                 |          |          |               |              | =          |          |                  | 1              | İ                   |          |          |          | -        |
| Final  | Original    | 18           |              |           |          |          |                         |  |                 |      | Final    | Original |          |          |          |         |                 |          |          |               | Final        | Original   |          | ĺ                |                |                     |          |          |          | 1        |
| ΙŒ   | رجّا        |              |              |           |          | - 1      |                         |  |                 |      | i Ē      | ,<br>Ji  |          |          |          |         |                 |          |          |               | ΙĒ           | ايخا       |          |                  |                |                     |          |          |          | 1        |
|  | 0,          | <u>06</u>    | _            | Ш         |          |          |                         |  |                 |      |          |          |          |          |          |         |                 |          |          |               |              |            |          |                  |                |                     |          |          |          |          |
|  | (1)         | V            |              |           |          | $\bot$   |                         |  |                 |      |          | 51       |          |          |          |         |                 |          |          | ]:::          |              | 101        |          |                  | T              |                     |          |          |          | ٦        |
|  | 2           | $\perp L$    |              |           |          |          |                         |  | <u> </u>        |      |          | 52       |          |          |          |         |                 |          |          |               |              | 102        | $\Box$   |                  |                |                     |          |          |          | ٦        |
|  | 3           | Ш            |              |           |          |          |                         |  |                 |      |          | 53       |          |          |          |         |                 |          |          |               |              | 103        |          |                  | T              |                     |          |          |          | ٦        |
|  | 4           |              |              |           |          |          |                         |  |                 |      |          | 54       |          |          |          |         |                 |          | $\neg$   | 7             |              | 104        | $\top$   | T                |                | ŀ                   |          |          |          | ٦        |
|  | (5)         |              |              |           |          |          |                         |  |                 |      |          | 55       |          |          |          |         |                 |          |          |               |              | 105        |          |                  | Т              | П                   |          |          |          | ٦        |
|  | <b>6</b>    |              |              |           |          |          |                         |  |                 |      |          | 56       |          |          |          |         |                 |          |          |               |              | 106        |          |                  |                |                     |          |          |          | ٦        |
|  | $\bigcirc$  | Ш            |              |           |          | L        |                         |  |                 |      |          | 57       |          |          | `\       |         |                 |          |          |               |              | 107        |          |                  |                |                     |          |          |          | ٦        |
|  | (8)         | Ш            |              |           |          |          |                         |  |                 |      |          | 58       |          |          |          | 1       |                 |          | Т        |               |              | 108        |          | T                | Τ              |                     |          |          |          | ٦        |
| L  | 9           |              |              |           |          |          |                         |  |                 |      |          | 59       |          |          |          |         |                 |          |          |               |              | 109        |          |                  |                |                     |          |          |          | ٦        |
|  | 10          | $\perp$      |              |           |          |          |                         |  |                 |      |          | 60       |          |          |          |         |                 |          |          |               |              | 110        |          |                  | T              |                     |          |          |          | ٦        |
|  | <u> 113</u> | $\perp$      |              |           |          | $\Box$   | $oldsymbol{\mathbb{I}}$ |  |                 |      |          | 61       |          | $\Box$ T |          |         |                 | $\Box$   |          |               |              | 111        |          |                  |                |                     |          |          |          | ٦        |
| Ŀ  | (2)         | $oxed{oxed}$ |              |           |          | $\Box$   | $\Box$                  | $oldsymbol{oldsymbol{oldsymbol{\Box}}}$          |                 |      |          | 62       |          | $\Box$   |          |         | П               |          | $\top$   |               |              | 112        |          |                  | Т              |                     |          |          | $\neg$   | ٦        |
|  | 13          |              |              |           |          | $\Box$   |                         | $\top$   |                 |      |          | 63       |          | T        | T        | T       | П               | $\neg$   | $\top$   | 7:::          |              | 113        |          |                  |                |                     |          | $\Box$   | T        | ٦        |
|  | 14          |              |              |           |          | $\Box$   |                         |  |                 |      |          | 64       |          |          | $\neg$   | $\top$  | П               | $\dashv$ | $\top$   |               |              | 114        |          | 1                | $\top$         | Г                   |          | $\Box$   | _        | ヿ        |
|  | 15          | V            |              |           |          |          |                         |  |                 |      |          | 65       |          | $\neg$   | 7        | 1       | П               | $\neg$   | 丁        | 7             |              | 115        | $\dashv$ | $\top$           | 1              | Г                   |          | $\neg$   | $\top$   | ヿ        |
|  | 16          |              |              |           |          | $\Box T$ |                         | Т  |                 |      |          | 66       |          | $\neg$   |          | 7       |                 | $\top$   | 一        | 7             |              | 116        |          | $\top$           | $\top$         |                     |          | $\Box$   | $\neg$   | ヿ        |
|  | 17          |              |              |           | $\sqcap$ | T        | $\top$                  |  |                 |      |          | 67       |          | $\dashv$ | $\top$   | 1       | П               |          | $\neg$   | 7:::          |              | 117        | $\dashv$ |                  | †              |                     |          |          | $\dashv$ | ┪        |
|  | 18          |              |              |           | $\neg$   | $\neg$   | $\top$                  |  | П               |      |          | 68       |          | $\neg$   | $\top$   | $\top$  | $\sqcap$        | _        | T        | 7             |              | 118        | _        | 1-               | $t^-$          | П                   |          |          | $\top$   | ᅥ        |
|  | 19          |              |              |           |          | $\neg$   | 十                       |  | П               |      |          | 69       | $\neg$   | $\neg$   | 1        | +-      | $\Box$          | $\neg$   | +        | ٠             |              | 119        | _        | +                | +              | Н                   | $\neg$   | $\dashv$ |          | ᅥ        |
|  | 20          |              |              |           |          | -        | $\top$                  |  |                 |      |          | 70       |          | _        | 1        | 1       | Н               | _        | $\top$   | <b>-</b>  ::: |              | 120        | -        | _                | +              | Н                   |          |          | +        | Ⅎ        |
|  | 21          |              |              |           | $\neg$   |          | 十                       | $\top$   | П               |      |          | 71       |          | 十        | +        | $\top$  | H               | _        | $\dashv$ | ٦             |              | 121        | +        | -                | +              | Н                   |          |          | _        | ┪        |
|  | 22          |              |              |           | 一        | $\top$   | $\top$                  | $\neg$   | т               |      |          | 72       |          | $\dashv$ | 1        | $\top$  | Н               | $\dashv$ |          | 7             |              | 122        | +        | +                | $\vdash$       | Н                   |          | $\dashv$ | _        | ٦        |
|  | 23          |              |              |           |          | $\neg$   | +                       | $\top$   | П               |      |          | 73       | $\dashv$ | $\dashv$ | $\dashv$ | $\top$  | Н               | $\dashv$ | $\dashv$ | 1             | $\vdash$     | 123        | -        | +                | ╁              | Н                   |          | $\dashv$ | -        | ┪        |
|  | 24          |              |              |           | $\neg$   | $\neg$   | +                       | <u> </u>   | П               |      |          | 74       | ヿ        | $\dashv$ | $\dashv$ | +-      | H               | _        | $\dashv$ | 1             | $\vdash$     | 124        | -+       | +                | +-             | $\vdash$            |          | $\dashv$ | $\dashv$ | ┪        |
|  | 25          |              |              |           | $\neg$   | 十        | +                       | _  | П               |      |          | 75       | _        | $\dashv$ | $\top$   | +       | H               | _        | <u> </u> | ┨║            | ╟─           | 125        | -        | - -              | ╁╌             | $\vdash$            | _        | $\dashv$ | +        | Ⅎ        |
|  | 26          | _            |              |           | $\neg$   | $\dashv$ | +                       | ┪┈   | Н               |      |          | 76       | -        | +        | +        | +-      | H               | +        | +-       | -             | -            | 126        | -        | +                | ╁╌             | Н                   | -        | $\dashv$ | +        | $\dashv$ |
|  | 27          |              |              | $\Box$    | _        | $\neg$   | $\top$                  | <del>                                     </del> | Н               |      |          | 77       | $\dashv$ | +        | +        | +-      | $\vdash$        | $\dashv$ | +        | ١!!!          | -            | 127        | -        | ╅╴               | +-             | Н                   | $\dashv$ | $\dashv$ | $\dashv$ | ┥        |
|  | 28          |              |              |           | $\neg$   | $\dashv$ | +                       | $\top$   | Н               |      |          | 78       | 寸        | +        | ┿        | +       | Н               | $\dashv$ | +-       | ۱             | ╟            | 128        | $\dashv$ | +                | +-             | Н                   | $\dashv$ | $\dashv$ | +        | ┥        |
| $\vdash$   | 29          | _            |              | $\exists$ |          |          | +                       | +  | Н               |      |          | 79       | +        | $\dashv$ | +        | ╅       | Н               | $\dashv$ | +        | -             | ⊩—           | 129        | -        | +-               | +-             | Н                   | -        | ╛        | +        | ┥        |
| $\vdash$   | 30          | _            | -            | $\neg$    | 十        | $\dashv$ | +                       | +  | Н               |      |          | 80       | $\dashv$ | +        | +        | +-      | Н               | $\dashv$ | +        | ╣             | ╟╌           | 130        | +        | +-               | +-             | $\vdash$            | -        | $\dashv$ | +-       | ┥        |
| $\vdash$   | 31          | -            | $\dashv$     | -         | $\dashv$ | _        | +                       | _  | $\vdash$        |      |          | 81       | -        | $\dashv$ | ┿        | +       | $\vdash$        | $\dashv$ |          | -             | -            | 131        | +        | +                | +-             | $\vdash$            | -        | $\dashv$ | $\dashv$ | ┨        |
| $\vdash$   | 32          |              | $\dashv$     | $\dashv$  | $\dashv$ | +        | +                       | +  | $\vdash \vdash$ |      |          | 82       | -        | +        | +-       | +       | $\vdash$        | +        |          | ┨᠁            | <del> </del> | 132        | +        | +                | +-             | $\vdash$            |          | $\dashv$ | +        | 닉        |
| $\vdash$   | 33          | _            | -            | $\vdash$  | -+       | +        | +                       |  | ╁┤              |      |          | 83       | -        | +        | +-       | +       | $\vdash$        | +        | $\dashv$ | ┨᠁            |              | 133        | +        | ┰                | ┼-             | $\vdash$            | -        | $\dashv$ | +        | ᅱ        |
| $\vdash$   | 34          | -            | $\dashv$     | -         | $\dashv$ | +        | ┰                       | +-   | $\vdash \vdash$ |      |          | 84       | -        | +        | +-       | +       | $\vdash$        | +        | +-       | ┨∭            |              | 134        | +        | +                | +-             | $\vdash$            |          | -        | +        | $\dashv$ |
| $\vdash$   | 35          | $\dashv$     | -            | $\dashv$  | +        | +        | +                       | +  | Н               |      |          | 85       |          | +        | +        | +       | $\vdash$        | +        | +        | -             | -            | 135        | +        | +-               | ╁              | Н                   |          | +        | +        | $\dashv$ |
| $\vdash \vdash$                                  | 36          | $\dashv$     | -            | $\dashv$  | $\dashv$ | +        | +                       | +  | $\vdash$        |      |          | 86       | $\dashv$ | +        | +        | +       | $\vdash$        | $\dashv$ | +        | -             | $\vdash$     | 136        | +        |                  | +              | H                   |          | $\dashv$ | +        | ᅱ        |
| $\vdash$   | 37          | $\dashv$     | -            | $\dashv$  | +        | +        | +                       | +-   | Н               |      |          | 87       | $\dashv$ |          | +        | +       | $\vdash \vdash$ | $\dashv$ | +        | ┨║            | $\vdash$     | 137        | +        |                  | +              | $\vdash\vdash$      |          | $\dashv$ | +        | ᅱ        |
|  | 38          |              | <del>.</del> | $\dashv$  | $\dashv$ | +        | +                       | +-   | $\vdash$        |      |          | 88       | +        | +        | +        | +       | $\vdash$        | +        | +        | -             | -            |            |          |                  | -              | $\vdash \dashv$     |          | +        | +        | ᅱ        |
| $\vdash$   | 39          | $\dashv$     | $\neg$       | $\dashv$  | $\dashv$ | +        | ╁                       | +  | $\vdash \vdash$ |      | _        | 89       | +        | +        | +        | +-      | $\vdash$        | $\dashv$ | $\dashv$ | -             | -            | 138<br>139 | -        | +-               | +-             | $\vdash \vdash$     |          | $\dashv$ | +        | ᅱ        |
| <del>  </del>                                    | 40          | $\dashv$     |              | $\dashv$  | $\dashv$ | +        | +                       | +  | Н               |      |          | 90       | $\dashv$ | +        | +        | +-      | $\vdash$        | $\dashv$ | +        | -             | -            |            |          | +-               | $\vdash$       | $\vdash$            |          | $\dashv$ | +        | $\dashv$ |
| ┝╼┥  | 41          | -            | $\dashv$     | $\dashv$  | $\dashv$ | +        | +                       | +  | $\vdash$        |      | $\dashv$ | 91       | $\dashv$ | +        | +        | +       | $\vdash$        | +        | +        | -             | -            | 140        | +        | +-               | ┼-             | Н                   |          | $\dashv$ | +        | $\dashv$ |
| <del>                                     </del> | 42          | -            |              | $\dashv$  | $\dashv$ | +        | ┰                       | +  | $\vdash$        |      |          | 92       | +        | +        | +        | +       | $\vdash$        | +        | +        | -             |              | 141        | -        |                  | -              | $\vdash$            |          | $\dashv$ |          | 4        |
| $\vdash$ $\dashv$                                | 43          | $\dashv$     | -            | -         | $\dashv$ | +        | +                       | +  | $\dashv$        |      | -+       | 93       | $\dashv$ | +        | +        | +       | $\vdash$        | $\dashv$ |          | -             |              | 142        | -+-      | - -              | ├              | $\vdash \downarrow$ |          | ┵        | +        | 4        |
| ┝╶┤  | 44          |              | $\dashv$     | -         | $\dashv$ | +        | +                       | +  | Н               |      |          |          | $\dashv$ | $\dashv$ | +-       | +       | $\dashv$        | $\dashv$ |          | -             |              | 143        | -        | -                | ╀┦             | $\vdash$            | _        | -        | +        | 4        |
| <del></del>                                      |             | $\dashv$     |              |           | -        | +        | +                       | +  | Н               |      |          | 94       | $\dashv$ | +        | +        | -       | $\vdash \vdash$ | +        |          | -             | <u> </u>     | 144        |          | +                | -              | $\vdash \vdash$     | _        | +        | +        | 4        |
| <del>  </del>                                    | 45<br>46    | -            | -            |           | +        | +        | +                       | +  | Н               |      |          | 95       | $\dashv$ | +        | -        | -       | $\vdash \vdash$ | $\dashv$ |          | 4             | <u> </u>     | 145        |          | <del>-  </del> - | <u> </u>       | $\sqcup$            | $\dashv$ | $\dashv$ | $\perp$  | 4        |
|  |             |              |              | $\dashv$  | +        | +        | +                       | 44   | Щ               |      |          | 96       | +        | +        |          | +       | $\dashv$        | -        |          | 4             | <u> </u>     | 146        |          | -                | <del>   </del> | $\sqcup$            | _        | 4        | $\bot$   | ┙        |
| ┝╾┤  | 47          |              |              | -         | $\dashv$ | +        | +                       | 4-4  | Ш               |      |          | 97       | 4        | 4        | - -      | $\perp$ | $\sqcup$        | 4        | - -      | 4             | <u> </u>     | 147        | _        | 4                | <b> </b>       | _                   |          | $\perp$  | $\perp$  | ┙        |
| ┝─┤  | 48          |              |              | -         | +        | -        |                         | + $+$  | Н               |      |          | 98       | 4        | _        | 4-       | 4-4     | $\vdash$        | $\perp$  | -        | 4             | <u> </u>     | 148        | -        | -                | $\vdash$       | $\sqcup$            | _        | _        |          | _        |
| <b>⊢</b>   | 49          |              |              |           | -        | _        | 4                       | +  | Щ               |      |          | 99       | $\dashv$ | 4        | $\bot$   | $\perp$ | $\sqcup$        | 4        | _        | 4             | <u> </u>     | 149        |          | 4_               | Щ              | $\sqcup \downarrow$ |          | $\dashv$ | $\bot$   | ┙        |
| ᆫᆜ   | 50          |              |              |           |          | L        | _1_                     |  |                 | :::: |          | 100      | - 1      |          | - 1      | 1 .     |                 | - 1      | - 1      | 1             | 1            | 150        | - 1      | 1                | 1              |                     | i        |          | _ I _    | - 1      |